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(71) Applicant (for all designated States except US): **SEN-
SOPAD TECHNOLOGIES LIMITED** [GB/GB];
Harston Mill, Harston, Cambridge CB2 5GG (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HOWARD, Mark,
Anthony** [GB/GB]; Sensopad Technologies Limited,
Harston Mill, Harston, Cambridgeshire CB2 5GG (GB).
SILLS, Colln, Stuart [GB/GB]; Sensopad Technologies
Limited, Harston Mill, Harston, Cambridgeshire CB2 5GG
(GB). **KREIT, Darran** [GB/GB]; Sensopad Technologies
Limited, Harston Mill; Harston, Cambridgeshire CB2 5GG

(GB). **JAMES, David, Alun** [GB/GB]; Sensopad Tech-
nologies Limited, Harston Mill, Harston, Cambridgeshire
CB2 5GG (GB).

(74) Agents: **BERESFORD, Keith, Denis, Lewis et al.**; Beres-
ford & Co., 16 High Holborn, London WC1V 6BX (GB).

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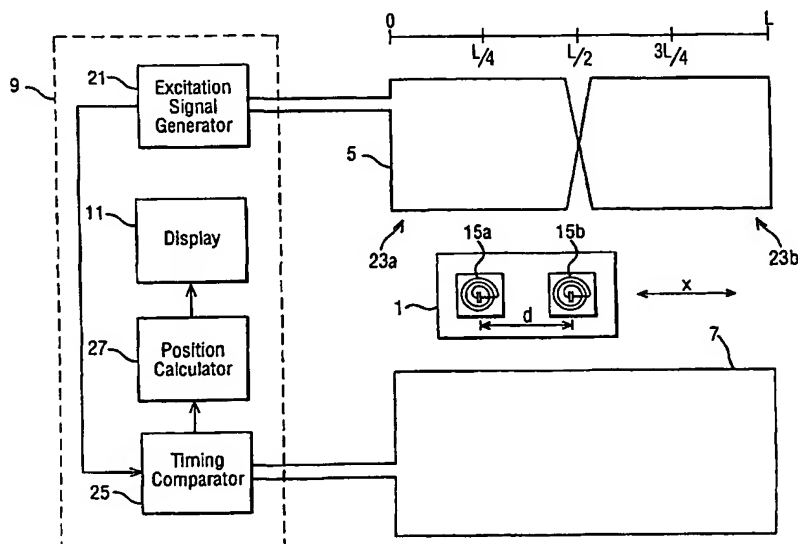
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(54) Title: SENSING APPARATUS AND METHOD



(57) Abstract: There is described an inductive position sensor in which a signal generator applies an excitation signal to an excitation winding formed on a first member, the excitation winding being electromagnetically coupled to at least two resonant circuits formed on a second member which are spaced from each other along a measurement path. The excitation windings are shaped so that the electromagnetic coupling between the exciting winding and each of the resonators varies along the measurement path. In this way, by applying an excitation signal to the excitation winding, respective different signals are induced in the resonators which depend upon the relative position of the first and second members.

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